

Converting Colors

XYZ(70.4607, 74.2541,
105.2265)

Have a look what the booklet for
XYZ(70.4607, 74.2541, 105.2265)
contains.

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Color

**XYZ(70.4288, 74.1922,
105.2163)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE1FF
RGB	206, 225, 255
RGB Percent	81%, 88%, 100%
CMY	0.1921, 0.1176, 0.0000
CMYK	0.19, 0.12, 0.00, 0.00
HSL	217°, 100%, 90%
HSV	217°, 19%, 100%
XYZ	70.4288, 74.1922, 105.2163
YIQ	222.7390, -20.9540, 5.3020

Conversions

Conversions Part 2

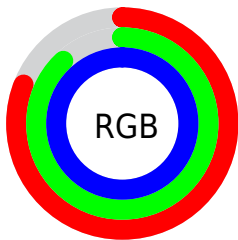
Format	Color
R _Y B	206, 220, 255
Decimal	13558271
CIE Lab	89.01, -0.19, -16.67
CIE LCh	89, 16.673, 269.348
Yxy	74.1922, 0.2819, 0.2970
Android (android.graphics.Color)	4291748351 (0xFFCEE1FF)
YUV	222.7390, 15.9047, -14.6801
Hunter-Lab	86.1349, -4.7843, -12.1300

Details

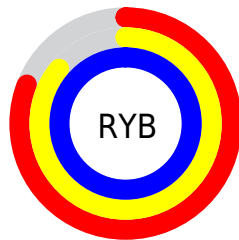
The XYZ color **70.4288, 74.1922, 105.2163** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.3758, 85.7061, 70.5955**, and the grayscale version is **69.8572, 73.4952, 80.0362**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3303, 39.4060, 59.0647** is the 20% darker color. If you saturate the color by 10%, you get **59.8869, 62.7782, 103.5688**, and if you desaturate by 10%, it is **82.5090, 86.9758, 107.0471**.

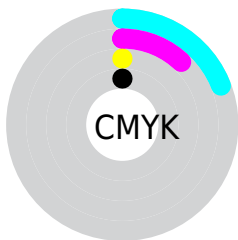
Distribution



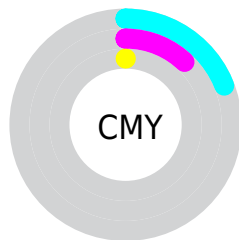
- Red (81%)
- Green (88%)
- Blue (100%)



- Red (81%)
- Yellow (86%)
- Blue (100%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4288, 74.1922, 105.2163 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 70.4288, 74.1922, 105.2163 by changing the saturation by 10% instead.

■ 70.4288, 74.1922,
105.2163

■ 70.4288, 74.1922,
105.2163

451.2971,
475.1365, 598.1792

■ 52.1570, 54.9514,
80.0229

118.8430,
125.1682, 170.4215

■ 37.3550, 39.3628,
59.2109

149.7161,
157.6722, 211.2703

■ 25.6574, 27.0421,
42.3618

185.5205,
195.3660, 258.1747

■ 16.6989, 17.6048,
29.0570

226.6213,
238.6341, 311.5532

■ 10.1140, 10.6666,
18.8780

273.3840,
287.8607, 371.8244

■ 5.5375, 5.8431,
11.4062

326.1740,

■ 2.6039, 2.7499,

343.4304, 439.4068

6.2232

385.3566,
405.7275, 514.7188

■ 0.9479, 1.0026,
2.9103

■ 0.0000, 0.0000,
1.0490

■ 70.4288, 74.1922,
105.2163

■ 70.4288, 74.1922,
105.2163

■ 59.8869, 62.7782,
103.5688

■ 82.5090, 86.9758,
107.0471

■ 50.8117, 52.6760,
102.0972

95.0500, 100.0000,
108.9000

■ 43.1346, 43.8361,
100.7955

■ 36.7788, 36.2023,
99.6570

■ 31.6594, 29.7133,
98.6744

■ 27.6805, 24.3012,
97.8394

■ 24.7297, 19.8885,
97.1432

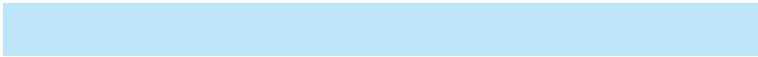
■ 22.6437, 16.3702,
96.5740

■ 22.5017, 16.1235,
96.5339

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.6188, 74.1922, 101.5427



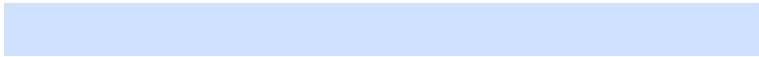
70.4288, 74.1922, 105.2163



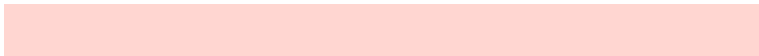
74.4060, 74.1922, 101.8389

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4288, 74.1922, 105.2163



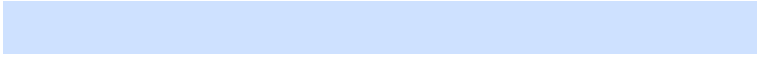
77.5303, 74.1922, 70.3311



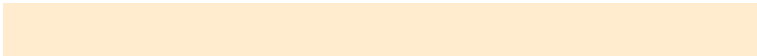
64.0239, 74.1922, 69.9307

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.4288, 74.1922, 105.2163



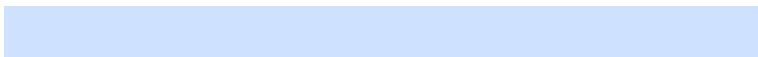
82.3758, 85.7061, 70.5955

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.7668, 74.1922, 62.8494



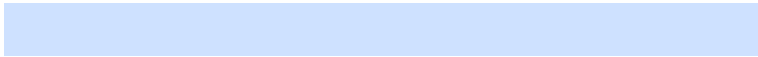
70.4288, 74.1922, 105.2163



74.5653, 74.1922, 63.0645

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4288, 74.1922, 105.2163



78.6000, 74.1922, 81.0370



70.6062, 74.1922, 60.4588



63.0089, 74.1922, 80.5289

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4288, 74.1922, 105.2163



76.5962, 74.1922, 96.2112



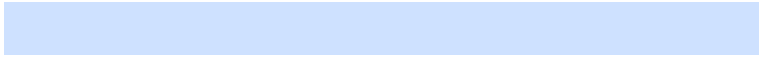
70.6062, 74.1922, 60.4588



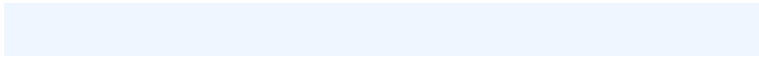
64.7691, 74.1922, 67.0986

Sweetspot

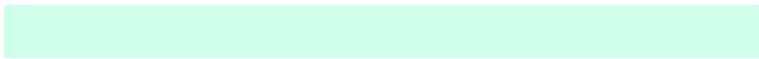
The Sweet Spot groups the original color and five complimentary colors.



70.4308, 74.1951, 105.2167



86.7278, 91.3816, 107.6751



76.2678, 90.6636, 92.3815



18.3770, 19.3653, 23.0193



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4308, 74.1951, 105.2167



66.2625, 69.7156, 104.5718



66.9580, 65.1984, 103.6632



17.5806, 18.5329, 22.9006



11.8917, 8.6929, 50.4857



1.2601, 1.0508, 4.9497

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.9032, 70.8404, 80.8578



73.8577, 66.0174, 75.9336



86.3612, 96.3189, 72.4339



18.3010, 18.1037, 20.2021



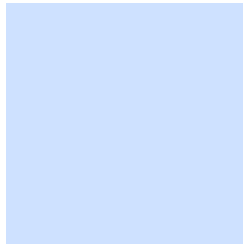
22.7906, 11.6055, 7.5475



2.2706, 1.1506, 1.0065

Previews

White Background



This preview shows how the XYZ color 70.4288, 74.1922, 105.2163 looks on a white background.

Color Contrast Check

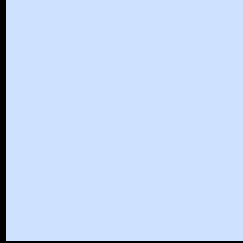
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 70.4288, 74.1922, 105.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

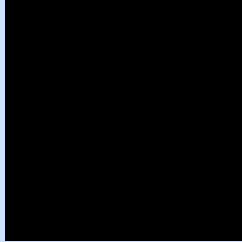
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

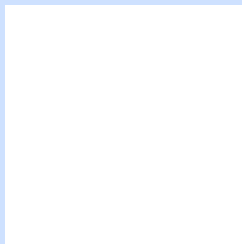
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4288, 74.1922, 105.2163

Background



This preview shows how black text looks on a background with the XYZ color 70.4288, 74.1922, 105.2163.



This preview shows how white text looks on a background with the XYZ color 70.4288, 74.1922,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.4288, 74.1922, 105.2163

Protanopia

72.7643, 74.2398, 103.4231

Deuteranopia

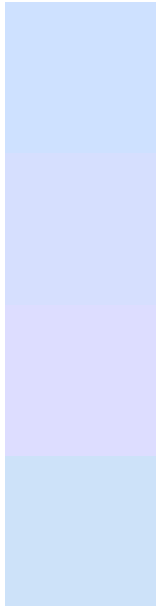
75.4345, 74.0208, 104.9194



Tritanopia

68.8524, 74.3681, 97.1118

Trichromacy



Original Color

70.4288, 74.1922, 105.2163

Protanomaly

72.0086, 74.2273, 104.2980

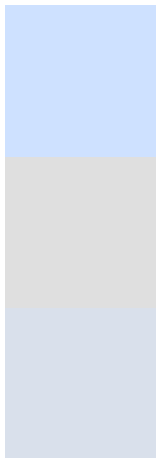
Deuteranomaly

73.7252, 74.3051, 105.0643

Tritanomaly

69.4721, 74.2114, 100.2852

Monochromacy



Original Color

70.4288, 74.1922, 105.2163

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2663, 74.0612, 89.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4288, 74.1922, 105.2163 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 225, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.4288, 74.1922, 105.2163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 225, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 225, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4288, 74.1922, 105.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 225, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
225, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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